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L6: Entry 3 of 3

File: USPT

Dec 21, 1999

DOCUMENT-IDENTIFIER: US 6004924 A

TITLE: Protein sequences of serrate gene products

Detailed Description Text (100):

In addition, the mode of administration, e.g., whether administered in soluble form or administered via its encoding nucleic acid for intracellular recombinant expression, of the Serrate protein or derivative can affect whether it acts as an agonist or antagonist.

Detailed Description Text (399):

The total ELR domain is thus amino acid numbers 234-896 (encoded by nucleotide numbers 1070-3058 of SEQ ID NO:5). The extracellular domain is thus predicted to be amino acid numbers 1-1067 of SEQ ID NO:6, encoded by nucleotide numbers 371-3571 of SEQ ID NO:5 (amino acid numbers 30-1067 in the mature protein; encoded by nucleotides number 458-3571 of SEQ ID NO:5). The intracellular (cytoplasmic) domain is thus predicted to be amino acid numbers 1090-1218 of SEQ ID NO:6, encoded by nucleotide numbers 3638-4024 of SEQ ID NO:5.

CLAIMS:

57. The fragment of claim 56 wherein the fragment of the human Serrate protein comprises an amino acid sequence selected from the group consisting of amino acid numbers 1 to 1067, 30 to 1067, 185 to 229, 234 to 896, 1068 to 1089, and 1090 to 1218, as depicted in FIG. 9 (SEQ ID NO:6).

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NO:6 \neq NO:18 of instant application